

**Numbering List Method to Diffract and Attenuate an Optical Signal**

10	140	optical converter assembly	173
11	141	alignment apertures in the substrate	174
12	142	PCB	175
13	143	optical ports	176
14	144	optical array/devices	177
15	145		178
16	146	transmission paths	179
17	147	diffraction gratings as a whole	180
18	148	guide pins	181
19	149	individual grooves	182
20	150	guide pin holder	183
21	151	locus of grooves	184
22	152	glass substrate	185
23	153	larger diffraction grating	186
24	154	MT ferrule/waveguide	187
25	155	boring fixture	188
26	156	apertures in the ferrule	189
27	157	recognition module	190
28	158	ribbon fiber	191
29	159	laser 1	192
30	160	1st surface of the waveguide	193
31	161	laser 2	194
32	162	<b>optically transparent underfill</b>	195
33	163	squares	196
34	164	1st surface of the substrate	197
35	165	198	198
36	166	2nd surface of the substrate	199
37	167	200	200
38	168	90 degree bend	171
39	169		
40	170		
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